AMENDMENTS TO THE SPECIFICATION

IN THE SPECIFICATION:

Page 1

The paragraph at lines 1-5 has been amended as follows:

A1

The entire disclosure of Japanese Patent Application No. 2000-288795 filed on September ~~22nd,~~22, 2000 including specification, claims, drawings, and summary is incorporated herein by reference in its entirety.

Pages 1-2

The paragraph beginning on page 1, line 14 and ending on page 2, line 7 has been amended as follows:

A2

Between a printing unit and a delivery unit of a printing press, an inspection device is installed for inspecting the printing quality of printed sheet-like object. This inspection device is designed to suck a printed sheet, in the midst of transfer of the sheet to a delivery table by means of a delivery chain after being printed in the printing unit, onto a suction table, spread the sheet uniformly, ~~take~~ capture an image of the printed surface of the printed sheet by a CCD camera or other image taking device, compare signal from the camera and the predetermined quality standard by means of a control device, and discharge the sheet onto the delivery table while sorting between sheet-like object satisfying the

Cond A2

quality standard and sheet-like object not satisfying the quality standard (for example, Japanese Laid-open Patent No. 5-254091).

Page 4

The paragraph at lines 6-14 has been amended as follows:

A3

The printing quality inspection apparatus according to the fifth aspect of the invention relates to the printing quality inspection apparatus of the third aspect, wherein the support rail comprises a first support rail provided inside the frame for supporting the support roller, and a second support rail ~~pivotly~~pivotally disposed swing outside the frame so as to be positioned on the extension the first support rail.

Page 5

The paragraph at lines 6-13 has been amended as follows:

A4

The printing quality inspection apparatus according to the eighth aspect of the invention relates to the printing quality inspection apparatus of the seventh aspect, wherein the second support rail is pivotally provided to swing so as to move between a guide position positioned on the extension of the first rail and a retreat position for retreating from the guide position.

Pages 9-10

The paragraph beginning on page 9, line 18 and ending on page 10, line 2 has been amended as follows:

A5

As shown in Fig. 1, the base end side of a feeder board 21 is coupled to a sheet feeder 10 for feeding each sheet from a stack of sheet-like object 100. At the leading end side of the feeder board 21, there is a swing device 22 for transferring a sheet 100 to a gripper, not shown, provided in a transfer cylinder 23. This transfer cylinder 23 ~~is opposite to~~opposes a transfer cylinder 24 having a gripper not shown, and this transfer cylinder 23 transfers the sheet 100 held in the gripper to the gripper of the transfer cylinder 24.

Page 10

The paragraph at lines 3-19 has been amended as follows:

A6

The transfer cylinder 24 ~~is opposite to~~opposes an impression cylinder 31 of triple cylinder of a printing unit 30, and the sheet 100 held by the gripper is transferred to a gripper, not shown, of the impression cylinder 31. At the downstream side ~~in~~ with respect to a rotating direction from the transfer cylinder 24 of the impression cylinder 31, an intaglio cylinder 32 of triple cylinder is in contact with the cylinder 31. At the downstream side ~~in~~ with respect to the rotating direction from the impression cylinder 31 of the

intaglio cylinder 32, a plurality of Chablon rollers 33, which are ink feed cylinders, are disposed at specific intervals along the peripheral direction of the intaglio cylinder 32 and in contact with the cylinder 32. Ink feeders 34 are in contact with these Chablon rollers 33.

Cond A6

Pages 10-11

The paragraph beginning on page 10, line 20 and ending on page 11, line 1 has been amended as follows:

A7

At the downstream side ~~in~~ with respect to the rotating direction from the Chablon rollers 33 of the intaglio cylinder 32, a pre-wiping device 35 is in contact with the cylinder 32. At the downstream side ~~in~~ with respect to a rotating direction from the pre-wiping device 35 of the intaglio cylinder 32, a wiping roller 36 is in contact with the cylinder 32. The lower side of the wiping roller 36 is immersed in a wiping tank 37 filled with a wiping solution.

Page 11

The paragraph at lines 2-18 has been amended as follows:

A8

At the downstream side ~~in~~ with respect to the rotating direction from the intaglio cylinder 32 of the impression cylinder 31, a delivery cylinder 41 is in contact with the cylinder 31. A chain 42 provided with a plurality of grippers 43 (refer to Fig. 2) at specific intervals for receiving the

sheet-like object 100 from the gripper of the impression cylinder 31 is wound around the delivery cylinder 41. This chain 42 runs and moves along a chain guide 44 as shown in Fig. 2 and Fig. 3, and this chain guide 44 guides running of the chain 42 ~~so~~ such that the sheet 100 received in the gripper 43 from the impression cylinder 31 passes near an air duct 46, passes through an inspection unit ~~40~~ 50 which is the printing quality inspection apparatus of the invention, and then moves onto a delivery table 45 of a delivery unit 40.

Pages 11-12

The paragraph beginning on page 11, line 19 and ending on page 12, line 2 has been amended as follows:

As shown in Fig. 2, beneath the inside of a unit frame 51 of the inspection unit 50, there is a moving table 52 provided with casters 53 which are rolls that rolls along the running direction of the chain ~~42~~ 52 in the lower part. In the upper part of the moving table 42, there is a suction table 54 as a box-shaped correcting means provided with multiple pores on the top, and this suction table 54 is coupled to a suction pump 55 disposed on the top of the unit frame 51 by means of a hose 56.

Pages 15-16

The paragraph beginning on page 15, line 11 and ending on page 16, line 3 has been amended as follows:

As shown in Fig. 4, in the portion of the position on an extension of the ~~outside~~ first support rail 70 at one side of the unit frame 51, the base end sides of a pair of second support rails 76 are coupled so as to be rotatable about the axis with the axial direction in the horizontal direction orthogonal to the longitudinal direction of the first support rails 70. At the leading end sides of the second support rails 76, the base end of a bar-shaped stand 77 is coupled so as to be rotatable in the same direction as the rotating direction of the base end sides of the second support rails 76. At the base end sides of the second support rails 76, stopper plates 78 are provided for fixing and holding the second support rails 76 in a state of positioning the leading end sides of the second support rails 76 upward. At the leading end sides of the second support rails 76, stopper plates 79 are provided for fixing and holding the stand 77 in an upright position on the second support rails 76.

A10

Page 17

The paragraph at lines 6-23 has been amended as follows:

In the intaglio printing press having such configuration, when a sheet 100 is supplied on the feeder board 21 from the paper feeder 10, the sheet 100 is transferred to the transfer cylinder 23 by means of a swing device 22, and is further transferred to the impression cylinder 31 through the transfer cylinder 24. On the other hand, when the ink is supplied to the intaglio cylinder 32 through Chablon cylinders 33a to 33c from the ink feeders 34a to 34c, the ink is deprived of extra portion by the pre-wiping device 35 and wiping roller ~~37~~36, and is transferred to the sheet 100 held on the impression cylinder 31. The printed sheet 100 is transferred from the impression cylinder 31 to the delivery cylinder 41, and is gripped by the gripper 43, and is delivered into the inspection unit 50 as the chain 42 is driven along the chain guide ~~chain~~ 44.

A11

Pages 17-18

The paragraph beginning on page 17, line 24 and ending on page 18, line 15 has been amended as follows:

A12

The position of the sheet 100 running and moving in the inspection unit 50 is adjusted by the suction device 91 and blowing fan 92, and after the moving speed is decelerated by

the suction roller 57, it is sucked by the suction table 54 to be corrected of its position, and runs and moves on the table 54. At this time, the camera 74 takes the image of the printing surface of the sheet 100, and a control device, not shown, compares the signal from the camera 74, and a predetermined quality standard, and judges the printing quality of the sheet 100. Thus, after inspection of printing quality, the sheet 100 leaves the suction table 54, and further runs and moves, and is discharged onto the delivery table 45 for approved sheet-like object if judged to satisfy the quality standard, or discharged onto the delivery table 45 for rejected sheet-like object if judged not to satisfy the quality standard.

Cond A12

Page 22

The paragraph at lines 9-15 has been amended as follows:

In this embodiment, the support rollers 63 are provided in the moving table ~~54~~52, and the support rails 64 are provided in the unit frame 51, but the same effects, as in the embodiment, are obtained if, for example, the support rails are provided in the moving table (suction table side) and the support rollers are provided in the unit frame.

A13

Page 23

The paragraph at lines 5-13 has been amended as follows:

A14

The embodiment is applied to the intaglio printing press, but the invention may be also applied in other printing presses such as offset printing press, or ~~being~~ installed independently without being incorporated in the printing press. It may be also realized as a printing quality inspection apparatus for inspecting the printing quality of sheet-like object printed by a printing press.

The paragraph at lines 14-22 has been amended as follows:

A15

According to the printing quality inspection apparatus of the present invention, since the inspection means and correcting means can be moved between the working position and the maintenance position, at the time of maintenance, only by moving the inspection means and correcting means to a proper maintenance position, maintenance can be done in a natural position, so that the working efficiency may be enhanced.